

	L #	Search Text	DBs	H it s
1	L 1	"APPLICATION No. .:" 10/030,853	USPAT; US-PGPUB ; EPO; JPO; DERWENT ; IBM_TDB	0
2	L 2	"CLAIMED ELEMENT LIST.:" separator separate separating separated separates sort sortation sorted sorts sorting sheets sheet test testing tests tested monitor monitors monitored monitoring receiver receiving received receives stack stacks stacked stacking deliver delivering delivered delivers clean cleanliness	USPAT; US-PGPUB ; EPO; JPO; DERWENT ; IBM_TDB	7 5 5 6 1 2 5
3	L 3	"CITED INFORMATION SEARCH (IDS).:" ("3717249" "3812964" "4180258" "4211398" "4245830" "4765606" "4768913" "5155144" "5979891" "6082732").pn.	USPAT; US-PGPUB ; EPO; JPO; DERWENT ; IBM_TDB	2 1
4	L 4	3 and 2	USPAT; US-PGPUB ; EPO; JPO; DERWENT ; IBM_TDB	1 8
5	L 5	"FIELD OF SEARCH SEARCH (US,Mandatory,IPC).:" "Sorting items according to susceptibility to deform (e.g., malleability, hardness, compressibility, etc.), rupture, or vibrate.:" 209/599.ccls. "Sheet gauging.:" 209/603.ccls. "And suction means.:" 271/98.ccls. B65H003/14.ipc.	USPAT; US-PGPUB ; EPO; JPO; DERWENT ; IBM_TDB	8 6 6

	L #	Search Text	DBs	H it s
6	L 6	"And suction means.:" 271/98.ccls. B65H003/14.ipc.	USPAT; US-PGPUB ; EPO; JPO; DERWENT ; IBM_TDB	6 7 9
7	L 7	"And suction means.:" 271/98.ccls.	USPAT; US-PGPUB ; EPO; JPO; DERWENT ; IBM_TDB	4 2 7
8	L 8	"CLAIMED ELEMENTS WORD SEARCH.:" (adsorb adsorbed adsorbing adsorbs evacuate evacuates evacuated evacuating "negative pressure" suction suck sucks sucking sucked sucker torr vacuum) with (gripper grippers grip grips gripping gripped cup cups not belt)	USPAT; US-PGPUB ; EPO; JPO; DERWENT ; IBM_TDB	3 6 4 0 2
9	L 9	7 and 8	USPAT; US-PGPUB ; EPO; JPO; DERWENT ; IBM_TDB	7 0
10	L 10	"PROBLEM TO BE SOLVED WORD SEARCH.:" (clean cleaner cleaned cleaning cleanliness particle particles particulate particulates) same (test tested testing tests monitor monitored monitoring monitors)	USPAT; US-PGPUB ; EPO; JPO; DERWENT ; IBM_TDB	1 1 8 4 1 5

	L #	Search Text	DBs	H it s
11	11	"PROBLEM TO BE SOLVED WORD SEARCH.:" (clean cleaner cleaned cleaning cleanliness particle particles particulate particulates) same (test tested testing tests monitor monitored monitoring monitors) same (card cards copies currency document documents envelope envelopes media paper papers sheet sheets substrate substrates transparency transparencies)	USPAT; US-PGPUB ; EPO; JPO; DERWENT ; IBM_TDB	1 9 4 8 2
12	12	"PROBLEM TO BE SOLVED WORD SEARCH.:" (clean cleaner cleaned cleaning cleanliness particle particles particulate particulates) same (card cards copies currency document documents envelope envelopes media paper papers sheet sheets substrate substrates transparency transparencies) same (sort sorts sorted sorting sortation)	USPAT; US-PGPUB ; EPO; JPO; DERWENT ; IBM_TDB	1 4 6 9
13	13	"PROBLEM TO BE SOLVED WORD SEARCH.:" (clean cleaner cleaned cleaning cleanliness particle particles particulate particulates) same (card cards copies currency document documents envelope envelopes media paper papers sheet sheets substrate substrates transparency transparencies) and 209/\$.ccls.	USPAT; US-PGPUB ; EPO; JPO; DERWENT ; IBM_TDB	1 7 8 5
14	14	"PROBLEM TO BE SOLVED WORD SEARCH.:" (clean cleaner cleaned cleaning cleanliness particle particles particulate particulates) with (card cards copies currency document documents envelope envelopes media paper papers sheet sheets substrate substrates transparency transparencies) and 209/\$.ccls.	USPAT; US-PGPUB ; EPO; JPO; DERWENT ; IBM_TDB	1 1 8 1

	L #	Search Text	DBs	H it s
15	L 1 5	"PROBLEM TO BE SOLVED WORD SEARCH.:" (clean cleaner cleaned cleaning cleanliness) with (card cards copies currency document documents envelope envelopes media paper papers sheet sheets substrate substrates transparency transparencies) and 209/\$.ccls.	USPAT; US-PGPUB ; EPO; JPO; DERWENT ; IBM_TDB	4 7 6
16	L 1 6	"PROBLEM TO BE SOLVED WORD SEARCH.:" (clean cleaner cleaned cleaning cleanliness) with (card cards copies currency document documents paper papers sheet sheets) and 209/\$.ccls.	USPAT; US-PGPUB ; EPO; JPO; DERWENT ; IBM_TDB	3 4 9
17	L 1 7	"PROBLEM TO BE SOLVED WORD SEARCH.:" (cleanliness) with (card cards copies currency document documents paper papers sheet sheets) and 209/\$.ccls.	USPAT; US-PGPUB ; EPO; JPO; DERWENT ; IBM_TDB	5

US-PAT-NO: 5842577

DOCUMENT-IDENTIFIER: US 5842577 A

TITLE: Method and apparatus for sorting and acquiring image
data for documents

----- KWIC -----

Detailed Description Text - DETX (64):

It may, however, be desirable to separate the documents for which the MICR line or OCR line was not determined from the documents for which the MICR or OCR line was determined. To do so, documents for which the MICR or OCR line is not determined are assigned to a separate batch, along with the corresponding documents in the same transactions. In this way, the documents are sorted into so called "clean" and "imperfect" batches. The documents in the clean batches have been properly imaged and the MICR line is known for the checks and the OCR line is known for the invoices. An unclean batch is made up of transactional pairs of documents that have been properly imaged, but the MICR line or OCR line has not been determined for at least one of the documents in the transactional pair. If the documents are separated into clean and unclean batches, the image data for the documents is similarly separated into separate batch files corresponding to the batches of documents. In this way, the batches of documents and the image data for the documents are similarly separated and organized.

Detailed Description Text - DETX (78):

Generally, the apparatus 10 sorts an entire batch of documents before beginning to sort a different batch of documents. However, different batches of documents may be sorted concurrently. For example, documents may be sorted to selected output bins based on various markings detected on the documents, such as change of address boxes or barcodes on invoices. The documents may also be sorted based on other criteria, such as document length to account for size differences between business checks and personal checks. In addition, as previously described, it may be desirable to sort documents based on whether the transactional pairs of documents are clean or unclean, i.e., whether the MICR line and OCR line has been determined for the documents in the transaction.

Detailed Description Text - DETX (79):